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NEWS 8 SEP 22 MATHDI to be removed from STN

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MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:14:55 ON 29 SEP 2005

=> file medline, agricola, caba, caplus, biosis, biotechno		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 14:15:03 ON 29 SEP 2005

FILE 'AGRICOLA' ENTERED AT 14:15:03 ON 29 SEP 2005

FILE 'CABA' ENTERED AT 14:15:03 ON 29 SEP 2005
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FILE 'CAPLUS' ENTERED AT 14:15:03 ON 29 SEP 2005
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FILE 'BIOSIS' ENTERED AT 14:15:03 ON 29 SEP 2005
Copyright (c) 2005 The Thomson Corporation

=> s (kriz, a? or kriz a?)/au
L1 206 (KRIZ, A? OR KRIZ A?)/AU

=> s (luethy, m? or luethy m?)/au
L2 130 (LUETHY, M? OR LUETHY M?)/AU

=> s (voyles, d? or voyles d?)/au
L3 16 (VOYLES, D? OR VOYLES D?)/AU

=> s l1 and l2 and l3
L4 10 L1 AND L2 AND L3

=> duplicate remove l4
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L4
L5 7 DUPLICATE REMOVE L4 (3 DUPLICATES REMOVED)

=> d l5 1-7 ti

L5 ANSWER 1 OF 7 MEDLINE on STN DUPLICATE 1
TI Improving nutritional quality of maize proteins by expressing sense and antisense zein genes.

L5 ANSWER 2 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Feedback resistant corn anthranilate synthase increases trp levels in transgenic Arabidopsis and soy.

L5 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Zein reduction in transgenic corn plants expressing antisense zein cDNAs.

L5 ANSWER 4 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Zein reduction in transgenic corn plants expressing antisense zein cDNAs.

L5 ANSWER 5 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Deregulation of tryptophan biosynthesis in maize.

L5 ANSWER 6 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Zein reduction in transgenic plants expressing antisense zein cDNAs.

L5 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
TI Expression of transgenes in plants using promoter and terminator sequences from Coix

=> d l5 7 bib

L5 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:736897 CAPLUS
DN 131:347500
TI Expression of transgenes in plants using promoter and terminator sequences from Coix
IN **Kriz, Alan L.; Luethy, Michael H.; Voyles, Dale A.**
PA Dekalb Genetics Corporation, USA
SO PCT Int. Appl., 240 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9958659	A2	19991118	WO 1999-US10776	19990514
	WO 9958659	A3	20000120		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,				

JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
 MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
 TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
 MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
 ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 US 6635806 B1 20031021 US 1998-78972 19980514
 CA 2328129 AA 19991118 CA 1999-2328129 19990514
 AU 9939957 A1 19991129 AU 1999-39957 19990514
 EP 1076706 A2 20010221 EP 1999-923112 19990514
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 TR 200100104 T2 20010621 TR 2001-200100104 19990514
 BR 9910455 A 20011127 BR 1999-10455 19990514
 JP 2002533057 T2 20021008 JP 2000-548450 19990514
 ZA 2000006576 A 20020213 ZA 2000-6576 20001113
 PRAI US 1998-78972 A1 19980514
 WO 1999-US10776 W 19990514

=> d his

(FILE 'HOME' ENTERED AT 14:14:55 ON 29 SEP 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
 14:15:03 ON 29 SEP 2005

L1 206 S (KRIZ, A? OR KRIZ A?)/AU
 L2 130 S (LUETHY, M? OR LUETHY M?)/AU
 L3 16 S (VOYLES, D? OR VOYLES D?)/AU
 L4 10 S L1 AND L2 AND L3
 L5 7 DUPLICATE REMOVE L4 (3 DUPLICATES REMOVED)

=> s l1 or l2 or l3

L6 326 L1 OR L2 OR L3

=> s l6 not l4

L7 316 L6 NOT L4

=> s coixin same promoter

L8 0 COIXIN SAME PROMOTER

=> s coixin

L9 63 COIXIN

=> s l9 and l7

L10 0 L9 AND L7

=> s l9 and promoter

L11 29 L9 AND PROMOTER

=> duplicate remove l11

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L11

L12 9 DUPLICATE REMOVE L11 (20 DUPLICATES REMOVED)

=> d l12 1-9 ti

L12 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN

TI Studies toward the identification of transcription factors in cassava
 storage root

L12 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN

TI Expression of correctly processed human growth hormone in seeds of
 transgenic tobacco plants

L12 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN

TI Expression of transgenes in plants using **promoter** and terminator

.sequences from Coix

- L12 ANSWER 4 OF 9 MEDLINE on STN DUPLICATE 1
TI Identification of a DNA-binding factor that recognizes an alpha-**coixin promoter** and interacts with a Coix Opaque-2 like protein.
- L12 ANSWER 5 OF 9 MEDLINE on STN DUPLICATE 2
TI Cooperative DNA binding and sequence discrimination by the Opaque2 bZIP factor.
- L12 ANSWER 6 OF 9 MEDLINE on STN DUPLICATE 3
TI The involvement of Opaque 2 on beta-prolamin gene regulation in maize and Coix suggests a more general role for this transcriptional activator.
- L12 ANSWER 7 OF 9 MEDLINE on STN DUPLICATE 4
TI The transcriptional activator Opaque2 recognizes two different target sequences in the 22-kD-like alpha-prolamin genes.
- L12 ANSWER 8 OF 9 MEDLINE on STN DUPLICATE 5
TI Structural characterization and **promoter** activity analysis of the gamma-kafirin gene from sorghum.
- L12 ANSWER 9 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI The 22 kDa alpha-**coixin promoter** is transactivated by the maize 02 protein.

=> d 112 3,4,8,9 bib

- L12 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1999:736897 CAPLUS
DN 131:347500
TI Expression of transgenes in plants using **promoter** and terminator sequences from Coix
IN Kriz, Alan L.; Luethy, Michael H.; Voyles, Dale A.
PA Dekalb Genetics Corporation, USA
SO PCT Int. Appl., 240 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
- | | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-------------------|----------|
| PI | WO 9958659 | A2 | 19991118 | WO 1999-US10776 | 19990514 |
| | WO 9958659 | A3 | 20000120 | | |
| | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | US 6635806 | B1 | 20031021 | US 1998-78972 | 19980514 |
| | CA 2328129 | AA | 19991118 | CA 1999-2328129 | 19990514 |
| | AU 9939957 | A1 | 19991129 | AU 1999-39957 | 19990514 |
| | EP 1076706 | A2 | 20010221 | EP 1999-923112 | 19990514 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | TR 200100104 | T2 | 20010621 | TR 2001-200100104 | 19990514 |
| | BR 9910455 | A | 20011127 | BR 1999-10455 | 19990514 |
| | JP 2002533057 | T2 | 20021008 | JP 2000-548450 | 19990514 |
| | ZA 2000006576 | A | 20020213 | ZA 2000-6576 | 20001113 |
| PRAI | US 1998-78972 | A1 | 19980514 | | |
| | WO 1999-US10776 | W | 19990514 | | |

- L12 ANSWER 4 OF 9 MEDLINE on STN DUPLICATE 1

AN .1999178797 MEDLINE
 DN PubMed ID: 10080712
 TI Identification of a DNA-binding factor that recognizes an alpha-
coixin promoter and interacts with a Coix Opaque-2 like
 protein.
 AU de Souza Filho G A; da Silva M J; Vettore A L; Yunes J A; Leite A; Arruda
 P; Ottoboni L M
 CS Centro de Biologia Molecular e Engenharia Genetica, Instituto de Biologia,
 Universidade Estadual de Campinas, SP, Brazil.
 SO Plant molecular biology, (1999 Jan) 39 (1) 95-104.
 Journal code: 9106343. ISSN: 0167-4412.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199904
 ED Entered STN: 19990413
 Last Updated on STN: 20021019
 Entered Medline: 19990401

L12 ANSWER 8 OF 9 MEDLINE on STN DUPLICATE 5

AN 95115665 MEDLINE
 DN PubMed ID: 7816025
 TI Structural characterization and **promoter** activity analysis of
 the gamma-kafirin gene from sorghum.
 AU de Freitas F A; Yunes J A; da Silva M J; Arruda P; Leite A
 CS Centro de Biologia Molecular e Engenharia Genetica, Universidade Estadual
 de Campinas, Cidade Universitaria Zeferino Vaz, SP, Brazil.
 SO Molecular & general genetics : MGG, (1994 Oct 28) 245 (2) 177-86.
 Journal code: 0125036. ISSN: 0026-8925.
 CY GERMANY: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-X62480
 EM 199502
 ED Entered STN: 19950217
 Last Updated on STN: 19960129
 Entered Medline: 19950207

L12 ANSWER 9 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 1993:239928 BIOSIS
 DN PREV199344113128
 TI The 22 kDa alpha-**coixin promoter** is transactivated by
 the maize O2 protein.
 AU Yunes, Jose A.; Cord-N., Germano; Silva, Marcio J.; Vettore, Andre J.;
 Leite, Adilson; Arruda, Paulo
 CS Cent. Biol. Mol. Engenharia Genet., Univ. Estadual Campinas, 13081,
 Campinas, Sao Paulo, Brazil
 SO Journal of Cellular Biochemistry Supplement, (1993) Vol. 0, No. 17 PART A,
 pp. 134.
 Meeting Info.: Keystone Symposium on Transcription: Factors, Regulation
 and Differentiation. Keystone, Colorado, USA. January 17-24, 1993.
 ISSN: 0733-1959.
 DT Conference; (Meeting)
 LA English
 ED Entered STN: 15 May 1993
 Last Updated on STN: 15 May 1993

=> d his

(FILE 'HOME' ENTERED AT 14:14:55 ON 29 SEP 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
 14:15:03 ON 29 SEP 2005

L1 206 S (KRIZ, A? OR KRIZ A?)/AU
 L2 130 S (LUETHY, M? OR LUETHY M?)/AU
 L3 16 S (VOYLES, D? OR VOYLES D?)/AU

L4 . 10 S L1 AND L2 AND L3
 L5 7 DUPLICATE REMOVE L4 (3 DUPLICATES REMOVED)
 L6 326 S L1 OR L2 OR L3
 L7 316 S L6 NOT L4
 L8 0 S COIXIN SAME PROMOTER
 L9 63 S COIXIN
 L10 0 S L9 AND L7
 L11 29 S L9 AND PROMOTER
 L12 9 DUPLICATE REMOVE L11 (20 DUPLICATES REMOVED)

=> file uspatfull

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
32.17	32.38

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 14:21:44 ON 29 SEP 2005

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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 27 Sep 2005 (20050927/PD)

FILE LAST UPDATED: 27 Sep 2005 (20050927/ED)

HIGHEST GRANTED PATENT NUMBER: US6951031

HIGHEST APPLICATION PUBLICATION NUMBER: US2005210555

CA INDEXING IS CURRENT THROUGH 27 Sep 2005 (20050927/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 27 Sep 2005 (20050927/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2005

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2005

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
 >>> original, i.e., the earliest published granted patents or <<<
 >>> applications. USPAT2 contains full text of the latest US <<<
 >>> publications, starting in 2001, for the inventions covered in <<<
 >>> USPATFULL. A USPATFULL record contains not only the original <<<
 >>> published document but also a list of any subsequent <<<
 >>> publications. The publication number, patent kind code, and <<<
 >>> publication date for all the US publications for an invention <<<
 >>> are displayed in the PI (Patent Information) field of USPATFULL <<<
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 >>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<
 >>> through the new cluster USPATALL. Type FILE USPATALL to <<<
 >>> enter this cluster. <<<
 >>> <<<
 >>> Use USPATALL when searching terms such as patent assignees, <<<
 >>> classifications, or claims, that may potentially change from <<<
 >>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> s 14

12 KRIZ, A?/AU
 12 KRIZ A?/AU
 6 LUETHY, M?/AU
 6 LUETHY M?/AU
 3 VOYLES, D?/AU
 3 VOYLES D?/AU
 L13 1 L1 AND L2 AND L3

=> d 113 bib

L13 ANSWER 1 OF 1 USPATFULL on STN

AN 2003:279265 USPATFULL

TI Methods and compositions for expression of transgenes in plants

IN **Kriz, Alan L.**, Gales Ferry, CT, United States

Luethy, Michael H., Old Mystic, CT, United States

Voyles, Dale A., Griswold, CT, United States

PA DeKalb Genetics Corporation, DeKalb, IL, United States (U.S.
 corporation)

PI . US 6635806 B1 20031021
AI US 1998-78972 19980514 (9)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Fox, David T.; Assistant Examiner: Collins, Cynthia
LREP Fulbright & Jaworski L.L.P.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1,2
DRWN 12 Drawing Figure(s); 7 Drawing Page(s)
LN.CNT 5969
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 14:14:55 ON 29 SEP 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
14:15:03 ON 29 SEP 2005

L1 206 S (KRIZ, A? OR KRIZ A?)/AU
L2 130 S (LUETHY, M? OR LUETHY M?)/AU
L3 16 S (VOYLES, D? OR VOYLES D?)/AU
L4 10 S L1 AND L2 AND L3
L5 7 DUPLICATE REMOVE L4 (3 DUPLICATES REMOVED)
L6 326 S L1 OR L2 OR L3
L7 316 S L6 NOT L4
L8 0 S COIXIN SAME PROMOTER
L9 63 S COIXIN
L10 0 S L9 AND L7
L11 29 S L9 AND PROMOTER
L12 9 DUPLICATE REMOVE L11 (20 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 14:21:44 ON 29 SEP 2005

L13 1 S L4

=> s 16

12 KRIZ, A?/AU
12 KRIZ A?/AU
6 LUETHY, M?/AU
6 LUETHY M?/AU
3 VOYLES, D?/AU
3 VOYLES D?/AU
L14 17 L1 OR L2 OR L3

=> s l14 and coix

587 COIX
L15 4 L14 AND COIX

=> d l15 1-4 ti

L15 ANSWER 1 OF 4 USPATFULL on STN
TI Recombinant DNA for gene suppression

L15 ANSWER 2 OF 4 USPATFULL on STN
TI Methods and compositions for expression of transgenes in plants

L15 ANSWER 3 OF 4 USPATFULL on STN
TI The maize A3 promoter and methods for use thereof

L15 ANSWER 4 OF 4 USPATFULL on STN
TI Maize A3 promoter and methods for use thereof

=> d his

(FILE 'HOME' ENTERED AT 14:14:55 ON 29 SEP 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
14:15:03 ON 29 SEP 2005

L1 . 206 S (KRIZ, A? OR KRIZ A?)/AU
 L2 130 S (LUETHY, M? OR LUETHY M?)/AU
 L3 16 S (VOYLES, D? OR VOYLES D?)/AU
 L4 10 S L1 AND L2 AND L3
 L5 7 DUPLICATE REMOVE L4 (3 DUPLICATES REMOVED)
 L6 326 S L1 OR L2 OR L3
 L7 316 S L6 NOT L4
 L8 0 S COIXIN SAME PROMOTER
 L9 63 S COIXIN
 L10 0 S L9 AND L7
 L11 29 S L9 AND PROMOTER
 L12 9 DUPLICATE REMOVE L11 (20 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 14:21:44 ON 29 SEP 2005

L13 1 S L4
 L14 17 S L6
 L15 4 S L14 AND COIX

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.76	36.14

STN INTERNATIONAL LOGOFF AT 14:22:42 ON 29 SEP 2005